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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

Sheet	1	of	3
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**Complete if Known**

<b>Application Number</b>	10/000,122
<b>Filing Date</b>	October 31, 2001
<b>First Named Inventor</b>	Nataraj, B.
<b>Group Art Unit</b>	2185
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	N1-P109

Technology Center 2100

## U.S. PATENT DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
RIE		3,257,646		Roth	06-21-1966	
RIE		3,353,159		Lee, III	11-14-1967	
RIE		4,244,033		Hattori	01-06-1981	
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RIE		5,555,397		Sasama et al.	09-10-1996	

## FOREIGN PATENT DOCUMENTS

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Examiner  
Signature

R. Έμπορε

Date  
Considered

6-27-2004

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Sheet	2	of	3
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**Complete if Known**

Application Number	10/000,122
Filing Date	October 31, 2001
First Named Inventor	Nataraj, B.
Group Art Unit	2485 2187
Examiner Name	R. Elmor
Attorney Docket Number	N1-P109

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Examiner Signature	R. ELMORE
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Sheet 3 of 3

### Complete if Known

Application Number 10/000,122  
Filing Date October 31, 2001  
First Named Inventor Nataraj, B.  
Group Art Unit 2185 2187  
Examiner Name R. ELMORE  
Attorney Docket Number N1-P109

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R1E		KEN SCHULTZ and ANDREW SOROWKA, "High-Performance CAMs for 10 GB/S and Beyond," Gibabit Ethernet Conference (GEC 2000), March 27, 2000, pp. 147-154	
R1E		S. DEERING and R. HINDEN, "Internet Protocol, Version 6 (IPv6) Specification," Network Working Group, Request for Comments: 2460, December 1998, pp.1-39	
R1E		"LNI7020 Search Engine, Version 2.0," Lara Networks, Inc., pp. 1-129 downloaded April 5, 2001 from URL <a href="http://www.st.com">http://www.st.com</a> ,	
R1E		"LNI7040 Search Engine, Version 1.1," Lara Networks, Inc., pp. 1-142 downloaded March 27, 2001 from URL <a href="http://www.laranetworks.com">http://www.laranetworks.com</a>	

Examiner Signature

R. ELMORE

Date Considered

6-27-2004

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/000,122
Filing Date	October 31, 2001
First Named Inventor	Nataraj, B.
Group Art Unit	2405 2187
Examiner Name	R. Elmore
Attorney Docket Number	N1-P109

Sheet	1	of	2
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		Application Number	10/000,122
		Filing Date	October 31, 2001
		First Named Inventor	Nataraj, B.
		Group Art Unit	2485 2157
		Examiner Name	R. ELMORE
Attorney Docket Number	N1-P109		
Sheet	2	of	2

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
R/E		PANKAJ GUPTA, STEVEN LIN and NICK MCKEOWN, "Routing Lookups in Hardware at Memory Access Speeds," Proc. Infocom, San Francisco, April 1998, pp.1-8	
R/E		NEN-FU HUANG, SHI-MING ZHAO, JEN-YI PAN and CHI-AN SU, "A Fast IP Routing Lookup Scheme for Gigabit Switching Routers," IEEE, 1999, pp.1429-1436	
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Examiner Signature	R. ELMORE	Date Considered	6-27-2004
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